

## Abstract

Refrigerator comprising at least one compartment (2, 21) to be cooled and a refrigeration apparatus with an evaporator, which  
5 evaporator is arranged in heat conducting contact with a heat exchanger (6, 24, 50). The refrigerator further comprises an essentially enclosed chamber (7, 30, 40), in which chamber the heat exchanger (6, 24, 50) is arranged and which chamber communicates with the compartment (2, 21) through an inlet  
10 port (9, 31, 41) and an outlet port (10, 32, 42) of the chamber, for allowing air to circulate from the compartment through the inlet port into the chamber and through the outlet port back to the compartment, and means (9, 11, 13, 31a, 31b, 41a, 41b, 42a, 42b) for preventing air to pass by self-  
15 circulation from the chamber, through the inlet port and/or outlet port. The invention also concerns a method for temperature control of a refrigerator.

Fig. 2.